



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

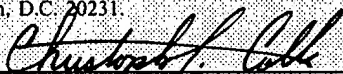
In re Application of: Mark A. Burns *et al.*  
Serial No.: 09/751,493  
Filed: 12/28/00  
Entitled: Microscale Devices And Reactions In Microscale Devices

Group No.: 1634  
Examiner: Sisson, B.

AMENDMENT TRANSMITTAL

Box Non-Fee Amendment

Assistant Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231	
Dated: April 16, 2003	By:  Christopher A. Collins

Sir or Madam:

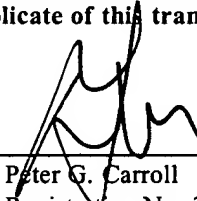
Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	20	—	20	0	×	18.00	\$0.00
Independent Claims	3	—	3	0	×	84.00	\$0.00

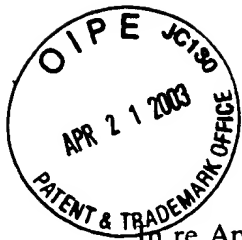
TOTAL DUE 0.00

1. No additional fee is required.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: April 16, 2003

By:   
Peter G. Carroll  
Registration No. 32,837

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San Francisco, California 94105  
617/252-3353



**PATENT**  
Attorney Docket No. **UM-04985**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: **Mark A. Burns *et al.***

Serial No.: **09/751,493**

Group No.: **1634**

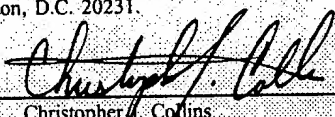
Filed: **12/28/00**

Examiner: **Sisson, B.**

Entitled: **Microscale Devices And Reactions In Microscale Devices**

**RESPONSE TO OFFICE ACTION**  
**MAILED JANUARY 16, 2003**

Assistant Commissioner for Patents  
Washington, D.C. 20231

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Dated: <u>April 16, 2003</u>	By: <u></u> Christopher J. Collins

Sir or Madam:

Please enter the following on the record in response to the above cited Office Action mailed on January 16, 2003.

A clean version of the rewritten or added claims with instructions for entry pursuant to 37 C.F.R. § 1.121(c)(1)(i) is included beginning on page two of this communication. A marked-up version of the rewritten claims pursuant to 37 C.F.R. § 1.121(c)(1)(ii) is attached as Appendix I. A clean version of the entire set of pending claims pursuant to 37 C.F.R. § 1.121(c)(3) as they should appear following entry of this amendment is attached as Appendix II.

A clean version of the rewritten or added paragraphs with instruction for entry pursuant to 37 C.F.R. § 1.121(b)(1)(ii) is included beginning on page four of this communication. A marked-up version of the rewritten paragraphs pursuant to 37 C.F.R. § 1.121(b)(1)(iii) is attached as Appendix III.